

## ABSTRACT

A geophone including conductive terminals positioned on opposite sides  
5 of the geophone housing. The geophone includes a pair of coils resiliently  
mounted within the geophone housing and a magnet. A first end plate, a first  
spring, and a first coil support provide a first end of the electrically conductive  
path. A second end plate, a second spring, and a second coil support provide a  
second end of the electrically conductive path. The first and second end of the  
10 electrically conductive path are electrically insulated from each other and the  
geophone housing. Providing one or more remaining components with  
electrically non-conductive surfaces provides electrical insulation.